Degree Options at Hartnell:

Associate of Science in Chemistry

Overview

A program of study that focuses on the scientific study of the composition and behavior of matter, including its micro and macro structure, the processes of chemical change, and the theoretical description and laboratory simulation of these phenomena.¹ A full program of chemistry for the professional scientist is offered through general chemistry and a two-semester course in organic chemistry. A separate track is offered for nursing students which includes general inorganic, organic and biochemistry. The Chemistry discipline also has a strong commitment to the student with no prior chemistry or one whose background is weak. The entire program is taught with a strong emphasis on the laboratory and in the more advanced classes, students receive hands-on experience with a wide variety of instruments.

Related Careers

- Natural science manager
- Chemist
- Teacher/Professor
- Clinical Researchers
- Biochemist
- Chemical Laboratory Technician
- Food Chemist
- Hydrologist
- Pharmacologist
- Plastics Engineer
- Quality Assurance Manager
- Toxicologist
- Soil Scientist
- Pollution Control Chemist
- Product Tester
- Molecular Biologist
- Organic Chemist

Related Skills

- Analytical skills
- Attending to data
- Conduct research
- Curiosity
- Developing theories
- Follow through skills
- Observation and decision making
- Oral and written communication
- Perform experiments
- Process data
- Remain objective
- Science and math ability
- Technological skills
- Utilizing formulas
- Able to work independently and in groups

¹ http://www.cacareerzone.org/majors/detail/40.0501